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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/647,442	08/26/2003	Go Shirouzu	Q77148	1641
23373	7590	12/18/2007	EXAMINER	
SUGHRUE MION, PLLC			KIM, JUNG W	
2100 PENNSYLVANIA AVENUE, N.W.				
SUITE 800			ART UNIT	PAPER NUMBER
WASHINGTON, DC 20037			2132	
			MAIL DATE	DELIVERY MODE
			12/18/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

MN

**Advisory Action  
Before the Filing of an Appeal Brief**

<b>Application No.</b>	<b>Applicant(s)</b>	
10/647,442	SHIROUZU, GO	
<b>Examiner</b>	<b>Art Unit</b>	
Jung Kim	2132	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 16 November 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1.  The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a)  The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.  
 b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2.  The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3.  The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
 (a)  They raise new issues that would require further consideration and/or search (see NOTE below);  
 (b)  They raise the issue of new matter (see NOTE below);  
 (c)  They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
 (d)  They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4.  The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
 5.  Applicant's reply has overcome the following rejection(s): 112 1<sup>st</sup> and 2<sup>nd</sup> paragraph rejections to claims 1-26.  
 6.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
 7.  For purposes of appeal, the proposed amendment(s): a)  will not be entered, or b)  will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 1-26.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

AFFIDAVIT OR OTHER EVIDENCE

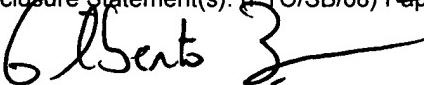
8.  The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
 9.  The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10.  The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11.  The request for reconsideration has been considered but does NOT place the application in condition for allowance because: see continuation sheet.  
 12.  Note the attached Information Disclosure Statement(s) (PTO/SB/08) Paper No(s). filed 10/4/13

13.  Other: \_\_\_\_\_.

  
**GILBERTO BARRON JR**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**

/Jung Kim/  
 Examiner AU 2132

**Continuation Sheet**

Continuation of 7: in view of the amended claims, the prior art rejections are substantially the same except that the Official Notice regarding the inclusion of a non contact interface between the chip and the reader will be omitted.

Continuation of 11: applicant's argument regarding the 103 rejection based on Jaquette in view of Nakanishi incorrectly applies the Jaquette reference as applied in the rejections of the claims. Jaquette discloses storing an encrypted MRU key as well as encrypted data in a recording media that includes a cartridge, wherein the cartridge includes an IC chip configured to store the encrypted MRU and encrypted data encrypted using the MRU. (paragraph 64 "The data storage cartridges 506a, b ... n may comprise any type of removable, non-volatile storage medium known in the art, such as ... [a] flash memory card"; and paragraph 73, "Upon receiving the (MRU)<sup>H</sup> 526 for one storage cartridge 506a, b ... n, the controller 502 writes (at block 576) the encrypted (MRU key)<sup>H</sup> 526 to the storage cartridge 506a, b ... n whose data is encrypted with that MRU key"), which suggest a recording media that includes an IC chip configured to record a key data element, and a cartridge configured to record the encryption data. (See applicant's specification, pg. 10 last paragraph, wherein encryption data is generated by encrypting raw data using a key data element). Hence, contrary to applicant's allegations, Jaquette in view of Nakanishi discloses the elements of independent claim 1.

With respect to applicant's argument that Jaquette in view of Nakanishi does not disclose all the elements of claim 7, in particular, that Nakanishi does not disclose writing the encryption data in part of plurality of the recording medium by the drive, and storing the key data in the key data storing unit of nay one of the other recording media, Applicant's arguments are not persuasive. Nakanishi expressly discloses dividing encryption/decryption keys into a plurality of partial keys, coupling each of the plurality of partial keys with partial encrypted storage data, and storing each of the coupled partial keys with their respective partial encrypted storage data in separate storage areas. See embodiment 6, col. 20:17-21:35. Hence, this feature expressly discloses the aforementioned limitation of claim 7.

***Communications Inquiry***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jung W. Kim whose telephone number is 571-272-3804. The examiner can normally be reached on M-F 9:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Jung W Kim/  
Jung W Kim  
Examiner  
Art Unit 2132